

## EAST Search History

| Ref # | Hits | Search Query                                      | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 6    | ((("5023554") or ("4587504") or ("5084677"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/03 18:26 |
| S2    | 3    | ((("5023554") or ("4587504") or ("5084677"))).PN. | USPAT   | OR               | OFF     | 2007/06/02 19:10 |
| S3    | 0    | ("barrera.xp.").PN.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/02 19:10 |
| S4    | 698  | barrera.xp.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/02 19:14 |
| S5    | 3625 | 324/318-320.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/02 19:11 |
| S6    | 73   | S4 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/02 19:13 |
| S7    | 7950 | fov   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/02 19:13 |
| S8    | 1    | S4 and S7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/02 19:13 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S9  | 475 | barrera.xa.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/02 19:14 |
| S10 | 80  | S5 and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/02 22:08 |
| S11 | 2   | ("4721914").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/02 22:08 |
| S12 | 12  | ("4710741"   "4721914"   "4737717"  <br>"4771243"   "4853663").PN. OR<br>("5084677").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 22:51 |
| S13 | 12  | ("4710741"   "4721914"   "4737717"  <br>"4771243"   "4853663").PN. OR<br>("5084677").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 22:56 |
| S14 | 16  | ("4398150"   "4689591"   "4721914"  <br>"4875485"   "5084677"   "5331282"  <br>"5365927"   "5396207"   "5428292"  <br>"5448214"   "5463364").PN. OR<br>("5717333").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 22:57 |
| S15 | 14  | ("4721914"   "5084677"   "5250901"  <br>"5382904"   "5396207"   "5659281"  <br>"5717333"   "6067001"   "6075365").<br>PN. OR ("6255929").URPN.                           | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 22:58 |
| S16 | 10  | ("5382904"   "5396207"   "5416415"  <br>"5801609").PN. OR ("6064290").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 23:00 |
| S17 | 21  | ("4647887").PN. OR ("5162768").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 23:01 |
| S18 | 21  | ("4647887").PN. OR ("5162768").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 23:03 |
| S19 | 16  | ("4398150"   "4689591"   "4721914"  <br>"4875485"   "5084677"   "5331282"  <br>"5365927"   "5396207"   "5428292"  <br>"5448214"   "5463364").PN. OR<br>("5717333").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 23:04 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S20 | 16   | ("4398150"   "4689591"   "4721914"   "4875485"   "5084677"   "5331282"   "5365927"   "5396207"   "5428292"   "5448214"   "5463364").PN. OR ("5717333").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/06/02 23:27 |
| S21 | 1602 | 335/299.ccls. or 324/319-320.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/16 10:40 |
| S22 | 10   | ("5382904"   "5396207"   "5416415"   "5801609").PN. OR ("6064290").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/07/16 10:31 |
| S23 | 21   | ("4647887").PN. OR ("5162768").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/07/16 10:34 |
| S24 | 16   | ("4398150"   "4689591"   "4721914"   "4875485"   "5084677"   "5331282"   "5365927"   "5396207"   "5428292"   "5448214"   "5463364").PN. OR ("5717333").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/07/16 10:35 |
| S25 | 6912 | 335/299.ccls. or 324/318-320.ccls. or 335/216.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/16 10:52 |
| S26 | 25   | "0160350"  | EPO;<br>DERWENT   | OR | OFF | 2007/07/16 10:54 |
| S27 | 0    | "0160350"  | EPO   | OR | OFF | 2007/07/16 10:54 |
| S28 | 0    | "160350"   | EPO   | OR | OFF | 2007/07/16 10:54 |
| S29 | 19   | (coil and homogeneous and (((first and second) near (volume or region))).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/16 11:02 |
| S30 | 19   | (coil and homogeneous and (((first or primary or main) and (second or secondary or auxiliary)) near (volume or region))).clm.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/16 11:09 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S31 | 28 | (coil and homogeneous and (((first or primary or main) and (second or secondary or auxiliary)) near2 (volume or region))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/16 11:09 |
| S32 | 9  | S31 not S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/16 11:09 |
| S33 | 0  | ("2007/0139148").URPN.   | USPAT   | OR | OFF | 2007/07/16 11:09 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S51 | 16   | ("20050077898" "5361054" "5382904" "5416415" "5646532" "5801609" "5812043" "6172588").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28 17:05 |
| S52 | 8769 | 62/51.1.ccls. or 324/318-320.ccls. or 335/216.ccls. or 600/410-422.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/09/21 18:28 |
| S53 | 22   | (coil and (homogeneous near regions)).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/21 18:35 |
| S54 | 2    | (coil and (homogeneous near regions)).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/21 18:35 |
| S55 | 3    | (coil and ((first and second) near homogeneous)).clm.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/21 18:36 |